

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 17   | ((SATORU) near2 (AKIYAMA)).INV.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2007/02/12 09:31 |
| L2    | 162  | ((SATORU) near2 (AKIYAMA)).INV.  | EPO; JPO;<br>DERWENT  | OR               | ON      | 2007/02/12 09:32 |
| L5    | 176  | ((TAKAO) near2 (WATANABE)).INV.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2007/02/12 09:33 |
| L6    | 603  | ((TAKAO) near2 (WATANABE)).INV.  | EPO; JPO;<br>DERWENT  | OR               | ON      | 2007/02/12 09:33 |
| L7    | 334  | ((TAKESHI) near2 (SAKATA)).INV.  | EPO; JPO;<br>DERWENT  | OR               | ON      | 2007/02/12 09:34 |
| L8    | 238  | ((TAKESHI) near2 (SAKATA)).INV.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2007/02/12 09:35 |
| L9    | 1501 | 1 2 5 6 7 8  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/02/12 09:35 |
| L10   | 2725 | memory same bank same (cache with (way bank))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/02/12 11:38 |
| L11   | 35   | 9 and 10   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/02/12 09:39 |
| L12   | 2398 | (seso (single adj2 electron adj2 shut adj1 off) (phase adj2 change adj2 memory) (slow adj2 write adj2 operation) (AF adj1 RAM) (free adj1 access adj1 random adj1 access adj1 memory)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/02/12 11:13 |
| L13   | 3    | 11 and 12  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/02/12 11:16 |

## EAST Search History

|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| L14 | 8     | 10 and 12                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 11:39 |
| L15 | 4     | 14 and (@ad<="20030509"<br>@rlad<="20030509") | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 11:39 |
| L16 | 1     | us20040225829\$                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 11:36 |
| L17 | 12952 | (cache with (way bank))                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 15:35 |
| L18 | 25    | 17 and 12                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 11:39 |
| L19 | 14    | 18 and (@ad<="20030509"<br>@rlad<="20030509") | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 11:52 |
| L20 | 10    | 19 not 15                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 11:47 |
| L21 | 5626  | 711/5.ccls. 711/118.ccls. 711/170.ccls.       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 11:49 |

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|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| L22 | 4033  | 365/230.03.ccls.                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 11:54 |
| L23 | 9456  | 21 22   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 11:55 |
| L24 | 1410  | 17 and 23                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 11:52 |
| L25 | 5     | 24 and 12                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 11:52 |
| L26 | 3     | 25 and (@ad<="20030509"<br>@rlad<="20030509") | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 11:55 |
| L27 | 5054  | 365/230.03.ccls. 365/185.11.ccls.             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 11:54 |
| L28 | 10465 | 21 27   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 11:55 |
| L29 | 28    | 12 and 28                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 11:55 |

## EAST Search History

|     |        |  |  |    |    |                  |
|-----|--------|--|--|----|----|------------------|
| L30 | 19     | 29 and (@ad<="20030509" @rlad<="20030509")   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/12 16:36 |
| L31 | 9      | 30 and cache   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/12 12:35 |
| L32 | 111736 | (writ\$3 stor\$3) same (read\$3 load\$3) same cycle  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/12 12:36 |
| L33 | 27036  | (writ\$3 stor\$3) same (read\$3 load\$3) same cycle same (longer slow\$3 short\$3 fast\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/12 12:37 |
| L34 | 652    | 28 and 33  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/12 15:09 |
| L35 | 169    | 34 and 17  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/12 15:09 |
| L36 | 148    | 35 and (@ad<="20030509" @rlad<="20030509")   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/12 15:09 |
| L38 | 1075   | 711/128-129.cc1s.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/12 15:30 |

## EAST Search History

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| L39 | 71   | 38 and 33  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 15:28 |
| L40 | 52   | 39 and 17  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 15:09 |
| L41 | 48   | 40 and (@ad<="20030509"<br>@rlad<="20030509")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 15:44 |
| L42 | 38   | 41 not 36  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 15:10 |
| L43 | 1    | 38 and 12  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 15:33 |
| L44 | 1819 | 711/104.ccls. 711/144.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 15:31 |
| L45 | 3    | 44 and 12  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 15:33 |
| L46 | 1    | ((cache with (way bank)) and ratio<br>and (write with cycle) and (read with<br>cycle) and (writ\$3 with (slower<br>longer))) .clm. | US-PGPUB  | OR | ON | 2007/02/12 15:39 |

## EAST Search History

|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| L47 | 70274 | (write writing stor\$3) with (slower longer)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 15:53 |
| L48 | 59    | (cache with (way bank)) same ratio same (write writing stor\$3) same (read\$3 load\$3)           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 15:43 |
| L49 | 59    | (cache with (way bank)) same (ratio quotion) same (write writing stor\$3) same (read\$3 load\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 15:43 |
| L50 | 27    | 47 and 49  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 15:43 |
| L51 | 24    | 50 and (@ad<="20030509" @rlad<="20030509")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 15:53 |
| L52 | 1506  | ((write writing stor\$3) with (slower longer) with ram) seso                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 16:10 |
| L53 | 69    | 52 and 17  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 16:11 |
| L54 | 56    | 53 and (@ad<="20030509" @rlad<="20030509")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 16:12 |

## EAST Search History

|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| L55 | 13350 | ((write writing) with (slower longer))                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 16:14 |
| L57 | 894   | 55 and 17   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 16:15 |
| L58 | 763   | 57 and (@ad<="20030509"<br>@rlad<="20030509")                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 16:35 |
| L59 | 4968  | ((write writing) with (slower longer))<br>with (read read\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 16:36 |
| L60 | 445   | 59 and 17   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 16:15 |
| L61 | 378   | 60 and (@ad<="20030509"<br>@rlad<="20030509")                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 16:16 |
| L62 | 12745 | 28 38 44  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 16:17 |
| L63 | 86    | 61 and 62   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 16:17 |

## EAST Search History

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| L64 | 85   | 63 not 54                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 16:17 |
| L65 | 67   | 63 not 36                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 16:34 |
| L66 | 2863 | (nonvolatile eeprom eprom flash) and 17    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 16:35 |
| L67 | 2130 | 66 and (@ad<="20030509" @rlad<="20030509") | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 16:35 |
| L68 | 126  | 59 and 67                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12 16:36 |